

Strawberry Creek Water Quality Probe

Project Leads: Tim Pine and Carolyn Orson

Sponsor: Environment, Health & Safety

TGIF Mini-Grant: \$1,190

Project Theme: Habitat Restoration

Project Location

2012 Mini-Grant Application Submission

Status: Complete

Project Description: This grant will allow the Strawberry Creek Restoration Team to purchase a water quality probe that will assist with sediment and erosion research along Strawberry Creek. In addition, efforts to promote environmental stewardship along Strawberry Creek will be pursued. This grant is supplemented by the 2012 TGIF grant Strawberry Creek Watershed Stewardship Program and funding from EH&S.

Goals: The ultimate goal is to foster environmental stewardship. The program is structured to have both short and long-term effects. Educational initiatives include design and installation of 5 interpretive signs along the Jordan Fire Trail and carrying out tours for elementary-high school students. Additionally, the project will connect with north side residents and discuss different ways to be Strawberry Creek-friendly. Economically related initiatives include helping businesses on the north side of campus to become Green Business Certified by the Bay Area Green Business Association. More directly, the project will carry out restoration efforts along the Jordan Fire Trail, including the removal of invasive species and planting natives to increase biodiversity. The water quality probe will be used to test and monitor the water quality of the creek.

TGIF Blog Posts about Strawberry Creek

2012-2013 Accomplishments and Final Results

The Strawberry Creek Restoration Team initially received funding for a water quality probe in their 2012 TGIF Grant **Strawberry Creek Watershed Stewardship Program**. After conducting further product research, the team determined they needed a different probe, one that was more expensive. The team received this 2012 Mini-Grant to supplement the additional costs.

- The water quality probe was purchased.
- The team conducted a Water Quality Testing Training from 11/13/2012 – 12/5/2012.
 - Traits tested included total Coliform, turbidity, chloramines, and pH.

The probe will continue to be used by EH&S and the Strawberry Creek Restoration Team, especially in relation to activities conducted through the **Strawberry Creek Watershed Stewardship Program** grant.

2014 Update: After the training and trial tests conducted in 2012, the team realized the probe had the incorrect head type. Thus, the team is awaiting a quote from the manufacturer to ship the probe back so it can be recalibrated and have its head replaced.